Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

Date.....2021

Bill Type:: 1st & Final Bill

Zone: BBMP, Yelahanka

Division: BBMP, Byatarayanapura

Sub-Division: Vidyaranyapura

Bill Received No. Dated Divisional

Sub-Divisional

Cash Book Voucher No.....Dated.....

Job Code: 011-15-000021

Schedule Docket No. Head of Account: P-0190 Est.Cost: Rs. 14.50 Lakhs INDENT NO.: 16551

Name of Work : Drilling of borewells, providing lighting to pathway and other developmental works to Lakkappa layout park (Singapura) in ward no. 11.

Name of Contractor and Full Address: Sri H. Gangadhar, # 24, 3rd Main Road, Akashavani Layout, Vidyaranyapura, Bangalore - 560097.

Reference to Agreement No. BBMP/EE/BTP/WO/244/2016-17 Date: 25-03-2017

Certified that the measurements were taken by me on: 30/9/21 and recorded of Pages to 559638 of 559654

measurement Book No. 5597/2138 and that work is satisfactorily executed.

H C Gangadhar
Contractor

Officer-in-charge of work

Certified that measurement were taken by me on 30/9/2021 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

1) Total value of work done or supplies made as per account within (Forest cy found)	BA - 1418000=00	
2) Deduct amount to be held in reserve being.....Percent Rs.....		
3) " Balance	IT - 14180=00	
4) Deduct Payment:	L.C - 14180=00	
	LBC - 1418=00	
a) Amount of previous payment as in the Office Cash Book Voucher	CGST - 12661=00	
No.....Dated.....S.D.No.....	SGST - 12661=00	
adjusted towards cash advance recovery of	L.R - 800=00	
b) Payments cost store or other material supplied.	LEOT - 16500=00	
Now made recovery of amount creditable to this /other work		
Amount paid on this bill Cheque/Cash.	TD - 72400=00	
5) Balance being unpaid value of work done held in reserve.		
6) Deduct cash advance made on the Office cash Book Voucher No.....		
dated .....less adjustments.	Total Amount Adjusted -	1345600=00
7) Net amount due to or from Contractor unadjustments items.		
8) Advance to Contractor for materials brought to site (as detailed) within		
9) Value of Government materials supplied.		

Received Rs.....(in words)..... Contractor's Signature

.....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

(For use in the Office)

Witness
1
2

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Stamp

Cash Rs.....

Dated.....

Initials of Officer making payment

Head of Account.....P-0190.....

Bill Passed for Rs.....1418000=00.....

Statutory Deductions Rs.....72400=00.....By Adjustment

Net Amount Paid Rs.....1345600=00.....By NEFT/RTGS

C/W

Account Superintendent
Byatarayanapura Division
BBMP

Executive Engineer 9/12
Byatarayanapura Division
BBMP

Sl No.		U
1	Carrying out geophysical survey Geophysical investigation of site for sinking Borewell for supplying drinking wa to the habitation either through the Hand Pump, MWS or PWSS by vertical electrical sounding by adopting Venner or Schlumbergers's method, including reconnaissance survey of geological formation, Geophysical investigation of existing Ground Water in the vicinity, its quality, quality & acceptability of the users indicating the location of the site, recommended depth of casing pipe required to seal the tope unconsolidated formation including an extra depth 1.0 metre in consolidated formation for aquifr proposed to be tapped probable yield and other information required including transportation of instrument and accessories to work site, engaging technical personal and labour required etc.,	No
2	Sinking of Borewell of 165 mm clear using fast hydraulic rig of capacity 250 PSIG & above 900 CMF & above in all strata including over brden upto 22 m fixing of casing pipes, collars and cap with necessary cutting and threading including transportation of rig and supporting vehicles, screw charges and cost of cosumable including yield testing at the final depth with a minimum working of compressor for one hour, all as specified. (PRED SR P-36, I-9.1) Up to 50mtr depth	Mtr
3	Above 50 mtr upto 100 mtr	Mtr
4	Above 100 mtr upto 150 mtr	Mtr
5	Above 150 mtr upto 200 mtr	Mtr
6	Above 200 mtr upto 250 mtr	Mtr
7	Above 250 mtr upto 283 mtr	Mtr
8	Providing and fixign PVC casing pipe of dia 30 cms of thickness 4 mm inc;uding loaidng and unloading transporation etc., complete	Mtr
9	Providing of ISI mark 175 mm nominal bore medium black ERW casing ipe of 5mm thick black electric continous welded mild steel tube material confirming to IS 1387/1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mtrs both ends threaded confirming to IS 554 / 1985, one and fixing with a socket and the other end with a plastic protection end (inclusive of all taxes)	Mtr
10	Providing 165 mm dia MS collar,	No
11	Supply and delivery at site brand new Texmo / Innoval / Lubi / Sabar / Atalanta / Calamal / waterman / Radha make suitable vertical installation in 150mm dia. Borewells comprising of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for operation of 3Ph., 50Hz. 380/44 volts AC supply fitted with required accessories such as suction. casing, suction strainers, sand guard. Non return valve etc., complete. The pupm and motor shall form an intergal unit with all the required fittings. (As per rate approved by KUWS & DB wef 16-05-2006) 7.5 HP 30 stage	No
12	Providing and fixing in galvazed/mild steel tubed (Heavey class as per IS 1239 part-1990) 50 mm dia nominal bore with all fittings including cost of all material labour charges. HOM of equipment and testing complete as per specification	Mtr
13	Supply Heavy Duty, galvanized / mild steel color suitable for 32 mm dia nominal bore galvanized / mild steel tube. (BWSSB approved rates)	No
14	Supply of galvanized / mild steel union suitable for 32 mm dia nominal bore galvanized / mild steel tube (BWSSB Approved rates)	No
15	Supply of Galvanized/mild steel elbow suitable for 32 mm dia nominal bore galvanized / mild steel tube (BWSSB approved rates)	No
16	Supply of Non return valve suitable for 50mm nominal bore galvanized / mild steel tube	No
17	Erection of pumpset including aligning and balancing with all necessary erection material and labour including supply and erection of two pair of supporting clamps borewell cap, cable and water tight gland cable protectiors, bolts, nuts, etc., involved in the job.	No
18	Supplying and fully automatic star-delta unit push with suitable wires, 3 contrsctors, one adjustable thermal timer mounted on a common base plate head in steel enclosure for use on 400/440 volts 3 phase and wired after to the existing wooden board for motor,	No
19	Supplying and fixing using necessary wires over an existing panel board a single phase preventor suitable for motor upto 20HP capacity.	No
20	Supplying shunt capacitors conforming to IS 2834,3 phase 400/440 volts grade capacitor in KVAR rating,	No
21	Fabricating supplying and mounting 1200x900x350mm MS box made out 18 SWG suitable for floor /wall mounting, fully weather proof with double slanted top as per drawing with providion for better heat dissipation provided with hinged front cover with clear opening of 100x100mm, protected by glass cover clamped to the door on EB meter sode to facilitate meter reading, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box shoubl be finished with approved colour enameled metal paint etc., complete	No

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	1	1592.00	1592.00	1.00	1592.00	
-	-	50	263.68	13184.00	50.00	13184.00	
-	-	50	343.28	17164.00	50.00	17164.00	
-	-	50	378.10	18905.00	50.00	18905.00	
-	-	50	437.80	21890.00	50.00	21890.00	
-	-	50	477.60	23880.00	50.00	23880.00	
-	-	70	537.30	37611.00	70.00	37611.00	
-	-	25	1044.75	26119.00	25.00	26119.00	
-	-	42	1318.38	55372.00	42.00	55372.00	
-	-	6	149.25	896.00	6.00	896.00	
-	-	1	39103.50	39104.00	1.00	39104.00	
-	-	302	400.74	121023.00	302.00	121023.00	
-	-	42	79.60	3343.00	42.00	3343.00	
-	-	1	370.14	370.00	1.00	370.00	
-	-	2	189.05	378.00	2.00	378.00	
-	-	1	796.00	796.00	1.00	796.00	
-	-	1	1701.45	1701.00	1.00	1701.00	
-	-	1	5303.35	5303.00	1.00	5303.00	
-	-	1	731.33	731.00	1.00	731.00	
-	-	1	501.48	501.00	1.00	501.00	
-	-	1	10085.32	10085.00	1.00	10085.00	

Sl No.		Previous Qty	Un
22	Supplying and fixing miniature circuit breakers/Isolatorss on existing MCB distribution boards using necessa fixing materials and wiring complete as required		No
23	Supplying and fixing angle iron work fabricated out of MS angle iron and MS flat with bolts, nuts, washers etc., and painted with 2 coats of red oxide and other two coats of approved paint a) Angle iron 40x40x6mm		No
24	Grouting angle iron		No
25	Supplying and fixing regular MCB distribution boards on wall/wood board/flush imounting using required clamps, bolts, nuts etc with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with power coated painting etc complete		No
26	Supplying and replacing copper workshop flexible card or plastic TC wire (As per approved rates Superintending Engineer, RDED Engineering Section, Bangalore vide letter No.2.5sqm flat 3 core copper wire.		Mtr
27	Supplying and replacing one of the fuse cutouts having porcelain base of approved quality on the existing wooden blockand wired complete		No
28	Supplying, fixing, wiring, earth electrode for grounding conduits, IC cutouts and other equipments on the meter board using 40mm dia 2.90mm thickGI pipe 2.5 mtr long buried in apit. The pit should be filled with equal proprotion of salt and charcoal 150mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per IISI specification 7.3.3 of IS 732 using 120mm dia bolt, nuts, washers and chechnus etc, complete the pipe shall have 16 through of 122mm dia		No
29	Supllying and LTUG cable having aluminium conductor PVC insulated sheathed, galvanized, stell wire/ steel tape amounted cable with PVC outsheathing 1.1KV class (conforming to IS 1554)		Mtr
30	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete		Mtr
31	Supplying and fixing of calss A GI pipe on pole / wall / drain crossing with necessary clamping arrangements for UG cable of 1.1KV class (a) 40mm upto 16 sqm		Mtr
32	earth work excavation for foundation of building, water supply, sanitary lines and electrical conditions either in pits or in trenches 1.5m and above in hard soil not exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the escavated soil clean from edges of excavation with lead upto 50m after breaking of complete as per specifications		Cum
33	Providing and laying in positionp lain cement concrete of Mix M 7.5 with OPC cement @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour HOM of machinery curing complete as per specification.		cum
34	Providing and laying in positionp lain cement concrete of Mix M 15 with cement @ 240 kgs, with 20 mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour HOM of machinery curing complete as per specification.		cmt
35	Fabricating, supplying and erection of 4 Mtrs long hot dip Galvanized Octagonal pole with BSEN 10025 grade S 355 JO steel plate for shaft, IS 2062 for base plate with door opening arrangements, including suitable boards, bakelite sheet nd MCBs as per IS specifications suitable to withstand the wind speed of 180 kmph for 4 Mtr pole having dimensions bottom 130mm top 70 mm with 3/4mm thick, suitable base plate and 4 nos of 220x220x12mm long J bolts along with template and the pole shall be galvanized with not less than 65 micron etc., (without foundation for foundation details refer prevatiling Civil SR) a) 4 mtr height (bottomdia 130mm, top dia 70mm, 3mm thick ; size of base plate 220mmx220x12mm;4 Nos M20x700mm long 'J' bolts and nuts)		Each
36	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete		mtr
37	Providing and filling sand in excavated trench to cover already laid UG cable to a depth of 150mm alround the cable		mtr
38	supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanised, steel wire/steel tap armoured cable with PVC outer sheathing 1.1 KV class I Class 'A' PVC Cable, 3.5 core 50 sqmm		mtr
39	b) 2 core 10sqmm		mtr
40	supply and fixing of heavy duty cable glands suitable for UG cableof 1.1 Kvclass (metal only)		Each
41	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.		mtr
42	Supplying and making straight through cable joint with epoxy resin including ferrules and other jointing materials forPVC insulated and PVC sheathed steel tape, wire armoured aluminium conductor cable of 1.1 KV grade of the following sizes		each

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	1	970.13	970.00	1.00	970.00	
-	-	1	238.80	239.00	1.00	239.00	
-	-	2	139.30	279.00	2.00	279.00	
-	-	1	557.20	557.00	1.00	557.00	
-	-	300	144.28	43284.00	300.00	43284.00	
-	-	3	131.84	396.00	3.00	396.00	
-	-	1	1940.25	1940.00	1.00	1940.00	
-	-	30	149.25	4478.00	30.00	4478.00	
-	-	20	49.75	995.00	20.00	995.00	
-	-	3	368.15	1104.00	3.00	1104.00	
-	-	4.32	263.28	1137.00	4.32	1137.00	
-	-	1.08	4822.80	5209.00	1.08	5209.00	
-	-	3.24	5301.00	17175.00	3.24	17175.00	
-	-	20	8457.50	169150.00	20.00	169150.00	
-	-	300	49.75	14925.00	300.00	14925.00	
-	-	270	65.67	17731.00	270.00	17731.00	
-	-	258	338.30	87281.00	258.00	87281.00	
-	-	200	109.45	21890.00	200.00	21890.00	
-	-	4	258.70	1035.00	4.00	1035.00	
-	-	300	10.95	3285.00	300.00	3285.00	
-	-	3	1203.95	3612.00	3.00	3612.00	

Sl No.		Unit
43	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen insulating compound complete with terminals, clamps, bolts, nuts and washers etc.,	each
44	Supply of 125 Watt HPMV lamp fitting with round/conical/diamond shaped HDPE doom mounted a cast aluminium spigot fitted with VPIT open constructioin low loss heavy duty copper wound ballast, of improvement capcitor complete with lamp holder for fixing of 125 Watts MV lamp suitable to operate on 230V toHz AC supply including 125 Watts HPMV lamp	each
45	Fixing charges of post top/Gate/Garden fitting on the existing CI/ GI or any other pipe using required size of reducer, wiring using suitable wires etc.,complete	each
46	Supplying and fixing regular MCCB distribution panel confirm to IS 8828, on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing of suitable type capacity MCCB's as an incomer for 3 phase Doubledoor with necessary bus bard completely wired to use on 440 Vots 3 Phase 4 wire powder coated painting etc., complete with a provision for fixing of single/ three phase suitable capacity MCCB/MCB's as outgoing confirming	each
47	Supplying 100 Amps rated 3 phase with neutral bus bar using required capacity electrolytic alluminium strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic / FRP/DMC insulator which are mounted on powder coated 40x6mm M.S. flat frame work in existing panel board. The bus bar shall have suitable holes for terminatioin of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete	Rmtr
48	Supply and fixing of MODULAR MCB Devices (Tripper) with Breaking capapcity of 6KVA	each
49	Supplying, fixing, wiring, earth electrode for grounding conduits,I.C. cutouts and other equipments on the meter board using 40mm dia 2.90 mm thick GI pipe 2.5 mtr long burried in a pit..... The pit should be filled with equal proprotion fo salt and charcoal 150mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and checknuts etc., the pipe shall have 16 through holes of 12mm dia	Each
50	Fabricating supplying and mounting 1200x900x350mm MS box made out 18 SWG suitable for floor /wall mounting, fully weather proof with double slanted top as per drawing with providion for better heat dissipation provided with hinged front cover with clear opening of 100x100mm, protected by glass cover clamped to the door on EB meter sode to facilitate meter reading, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box shoubl be finished with approved colour enameled metal paint etc., complete	Each
51	Manufacturing, Providing and Fixing a Gazeboo (of size 22 feet Dia-Approximate) made of MS Round pipes of 6 inches diameter of 12 SWG for pillars 10 feet in height, in which 8 ft will be above the ground level and 2 feet embedded in cement concrete and provided with MS plate on top of the pillars. MS I section 100x50mm of heavy guage (for rafters) in placed between the poles on top of the flush plate. Also MS anglular tubes of 100x40mm are to be mounted vertically on all 8 pillars. MS angular tubes of 40x20mm reepers are welded horizontally in between the rectangel tubes for a distance of 1 feet approximately so as to get the desired octoganal shape, for fixing approved guality corrugated Mangalore tiles on the roof (2 layer as per design) Flat design tiles and pointed with cement mortor. The Gazebo is to be fixed on a suitable platform, thecentral height being 15 to 16 feet and including allround bed concrete 1:4:8 and size stone masonry foundation as per the aprroved design, drawing, specifciation. The MS pipes are to be fixed with CC 1:1.5:3 and the flooring is constructed with classic Eeurocon tiles placed on cement concrete 1:4:8 and tampered with fine red earth, with cement slurry. The work includes	Each
52	Providing and fixing stone PARAGOLA 20cm x 20 thick granite pargolas fully polishind on all four sides, machine cut as per the deisign. The vertical pillers are to be fixed in cement concrete 1;2:4 the work includes cost of all materials, labour equipments, machineries, lead & lifts loading and unloading etc., complete and execute the work as per the instructions, directions of the Engineer Engineer	rmt
53	Providing and fixing dust bins as per designs, drawing specification and direction of Engineer in charge of works	Nos
	Total	

CERTIFICATE :

1. Certified that the above work done satisfactory and no materials issued from departmentally.

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
-	-	20	410.94	8219.00	20.00	8219.00	
-	-	20	3184.00	63680.00	20.00	63680.00	
-	-	20	164.18	3284.00	20.00	3284.00	
-	-	1	5805.83	5806.00	1.00	5806.00	
-	-	2	1592.00	3184.00	2.00	3184.00	
-	-	1	870.63	871.00	1.00	871.00	
-	-	1	1940.25	1940.00	1.00	1940.00	
-	-	1	10085.32	10085.00	1.00	10085.00	
-	-	1	385985.38	385985.00	1.00	385985.00	
-	-	30	3980.00	119400.00	30.00	119400.00	
-	-	4	4776.00	19104.00	4.00	19104.00	
				1418178.00		**1418178.00**	

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97